

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Mark E. Tuttle

Application No.: NOT YET ASSIGNED

Art Unit: N/A

Filed: January 20, 2004

Examiner: Not Yet Assigned

For: CONTROL OF MTJ TUNNEL AREA

**FIRST PRELIMINARY AMENDMENT**

MS Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

Prior to examination on the merits, please amend the above-identified U.S. patent application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks** begin on page 8 of this paper.